

AMENDMENTS

In the Claims

Current Claims

1 1.(currently amended) An apparatus for simulating a pulse and correlated heart beat of an
2 animal including an human, the apparatus comprising a playback device for generating a first
3 electronic signal corresponding to a pulse and a second electronic signal corresponding to a
4 correlated heart beat, a tactile pulse simulator for receiving the first electronic signal and generating
5 pressure pulses simulating an arterial pulse discernible by touch and an audio simulator for receiving
6 the correlated heart beat signal and recreating the heart beat to be heard through a stethoscope and
7 where the first and second electronic signals are generated from recordings of living animals
8 including humans.

1 2.(currently amended) An apparatus for simulating a right side pulse and a left side pulse and
2 correlated heart beat of an animal including an human, the apparatus comprising a playback device
3 for generating a first electronic signal corresponding to the right side pulse, a second electronic
4 signal corresponding to the left side pulse and a third electronic signal corresponding to a correlated
5 heart beat, a first tactile pulse simulator for receiving the first electronic signal and generating
6 pressure pulses simulating a right side arterial pulse discernible by touch, a second tactile pulse
7 simulator for receiving the second electronic signal and generating pressure pulses simulating a left
8 side arterial pulse discernible by touch and an audio simulator for receiving the correlated heart beat
9 signal and recreating the heart beat to be heard through a stethoscope and where the first and second
10 electronic signals are generated from recordings of living animals including humans.

3.(canceled)

4.(canceled)

5.(canceled)

6.(canceled)

7.(canceled)

1 8.(previously presented) The apparatus of claim 1, wherein the tactile pulse simulator
2 comprises a tactile switch capable of generating pulses simulating the arterial pulse, collapsible tube
3 apparatus or piezoelectric transducer.

1 9.(previously presented) The apparatus of claim 1, wherein the tactile pulse simulator and the
2 audio simulator are housed within a housing.

1 10.(previously presented) The apparatus of claim 9, wherein the tactile pulse simulator
2 comprises a resilient cover covering a tactile switch capable of generating pulses simulating the
3 arterial pulse.

11.(canceled)

12.(canceled)

13.(canceled)

1 14.(previously presented) The apparatus of claim 1, wherein the tactile pulse simulator is within
2 in a first housing and the audio simulator is within a second housing.

1 15.(currently amended) The apparatus of claim 14, wherein the first housing simulates a
2 human wrist and the tactile pulse simulator comprises a resilient cover covering a tactile switch
3 capable of generating pulses simulating the arterial pulse and is located at a position in the wrist
4 corresponding to a position in a patient where the arterial pulse is adapted to be detected and
5 monitored by a medical professional.

1 16.(previously presented) The apparatus of claim 2, wherein the tactile pulse simulators
2 comprise tactile switches capable of generating pulses simulating the arterial pulse, collapsible tube
3 apparatuses or piezoelectric transducers.

17.(canceled)

18.(canceled)

19.(canceled)

20.(canceled)

21.(canceled)

22.(canceled)

23.(canceled)

24.(canceled)

1 25.(currently amended) An apparatus for simulating a right side pulse and a left side pulse and
2 correlated heart beat of a human, the apparatus comprising:

3 a playback device for generating a first electronic signal corresponding to the right side
4 pulse, a second electronic signal corresponding to the left side pulse and a third electronic signal
5 corresponding to a correlated heart beat;

6 a first housing including a first tactile pulse simulator for receiving the right side arterial
7 pulse signal and generating a pressure pulses corresponding to a right arm arterial pulse discernible
8 by touch;

9 a second housing including a second tactile pulse simulator for receiving the left side arterial
10 pulse signal and generating a pressure pulses corresponding to a left arm arterial pulse discernible
11 by touch; and

12 a third housing including an audio simulator for receiving the heart beat signal and
13 generating an audible recreation of the correlated heart beat and designed to be heard through a
14 stethoscope position on a surface of the housing,

15 where the first and second electronic signals are generated from recordings of living animals
16 including humans.

1 26.(previously presented) The apparatus of claim 25, wherein the tactile pulse simulators
2 comprise tactile switches capable of generating pulses simulating the arterial pulses, collapsible tube
3 apparatuses or piezoelectric transducers.

1 27.(previously presented) The apparatus of claim 25, wherein the tactile pulse simulators
2 comprise a resilient cover covering a tactile switch capable of generating pulses simulating the
3 arterial pulse.